


Appln. No. 09/622,087
Amdt. dated May 24, 2004
Reply to Office Action of December 23, 2003

Amendments to the Specification:

Please amend the Abstract of the Disclosure on page 13 of the application as follows:

ABSTRACT

A method for transmitting data from several first stations (1a-1n), such as measuring stations, to a second station (2), such as a data collection station, comprises:
the first stations each comprising at least a first transmitter,
transmitting, in a synchronization time slot (5) of a time window (4), a synchronization message (SYN) from the second station (2) to the first stations (1),
transmitting, in a selection time slot (6) of the time window (4), selection messages (SEL) from the second station (2) to selected first stations (1),
transmitting, in response time slots (8) of the time window (4), data from selected first stations (1) to the second station (2).

In order to save energy in the first stations, the selection messages (SEL) are transmitted in one single selection time slot (6) and its receiver (12) is switched off by each first station

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~~(1) if no respective selection message (SEL) has been
transmitted.~~

FIG. 3

X A method and system for transmitting data from several first stations, such as measuring stations, to a second station, such as a data-collection station, whereby in a synchronization time slot of a time window a synchronization message from the second station to the first stations is transmitted, and whereby selection messages from the second station to selected first stations are transmitted, and whereby in response time slots of the time window, data from selected first stations to the second station are transmitted. In order to save energy in the first stations, the selection messages are transmitted in one single selection time slot and its receiver is switched off by each first station if no respective selection message has been transmitted. If a selection message is received, the receiver is deactivated immediately after the reception of the selection message and before the end of the selection time slot.
